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## CLAIMS:

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A pulse width limiting circuit, comprising:

a clock signal correction block configured to receive a conditioned clock pulse and generate a corrected clock output signal, wherein the clock signal comprises a train of clock pulses, each of which has a rising clock edge, a falling clock edge and a variable width;

accept module configured to block delay unconditioned clock signal and introduce a specified pulse width delay, wherein the block delay module comprises a plurality of delay sub-blocks of fixed delay; and

a high low clock pulse shuttle circuit configured to accept the conditioned clock signal output, wherein the high low clock pulse shuttle comprises a first field effect transistor (FET) coupled to the correction block and a second FET coupled to a conditioned clock signal output interconnect.

- The system of claim 1, wherein the unconditioned clock input is coupled to the source of a positive FET in the high low clock pulse shuttle. 20
  - The system of claim 1, where a correction block circuit further comprises a correction unit and a leak detector unit, wherein the correction block is employed to transmit the clock pulse to the high low clock pulse shuttle.
    - The system of claim 2, wherein the high low clock pulse wherein 4. interconnect, coupled to an interconnect is employed to convey an unmodified clock pulse.

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The system of claim 1, further comprising a node to transmit the clock pulse between stages of a delay sub-block.

- The system of claim 1, further comprising a node to transmit the conditioned clock pulse between the delay sub-5 block and the correction block.
- The system of claim 1, further comprising a node to transmit the conditioned clock pulse between the correction block, the clock shuttle and clock pulse inverter. 10
  - The system of claim 3, further comprising a leak detector calculating a voltage potential between two digital devices.
- The system of claim 7, wherein an uncorrected clock pulse bypasses the correction block and the clock shuttle for 15 delivery through the clock pulse output inverter.
- A method for performing a plurality of clock pulse widths limiting in clock pulses, comprising: 20

initiating a clock in pulse as a result of a clock cycle; routing a clock pulse;

initiating a correction block;

determining a voltage leak;

- forwarding a clock pulse through a clock shuttle node; injecting a clock pulse through a block delay module; 25 sequentially advancing a clock pulse through delay sub
  - disconnecting and resetting individual delay sub-blocks; blocks; than a that is greater clock pulse altering a 30 predetermined pulse width; and

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substantially passing through a clock pulse less than or equal to a predetermined pulse width.

- 11. The method of claim 11, wherein a clock pulse width is 5 selected for correction by a specific state within a correction block.
- 12. The method of claim 11, wherein a clock pulse width is deselected for correction by a specific state within a correction block.
  - 13. The method of claim 11, wherein a selected clock pulse is passed through a clock pulse correction block and checked by a leak detector.

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- 14. The method of claim 11, wherein a deselected clock pulse is passed through a clock shuttle and output through a clock pulse inverter.
- 20 15. The method of claim 11, wherein a selected clock pulse is passed through a clock pulse correction block, checked by a leak detector, and input to a block delay module.
- 16. The method of claim 11, wherein the block delay module is conditioning the clock pulse using a series of delay subblocks.
  - 17. The method of claim 11, wherein the delay sub-blocks are sequentially disconnecting and resetting as the clock pulse is passing.

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18. The method of claim 11, wherein the conditioned clock pulse is output to the correction block.

- 19. The method of claim 11, wherein a completely conditioned clock pulse outputs to a conditioned clock pulse dependent device.
- 20. A computer program product for authenticating code in a computer system, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

comprising:

computer code for determining undesirable clock pulse width;

computer code for forwarding undesired clock pulses to a correction block;

computer code for desired clock pulses to bypass the pulse width correction and go directly to the device output;

and

computer code for incrementing a sequential delay for
cascading a series of delay sub-blocks.

- 21. A computer program for providing desirable clock pulse widths in a computer system, the clock pulse correction device including a computer program comprising:
- computer code for determining undesirable clock pulse width;

computer code for forwarding undesired clock pulses to a correction block:

correction block;

computer code for bypassing the correction block, sending
desired clock pulses directly to the device output; and

computer code for incrementing a sequential delay for cascading a series of delay sub-blocks.

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